

Peak District National Park

Forecast valid from 00:00 on Tuesday 22 Sep 2020 until 23:59 on Wednesday 23 Sep 2020

Forecast Issued on Monday 21 Sep 2020 at 17:14

Confidence: High confidence for a transition to more unsettled and much cooler weather from Wednesday onwards. Moderate confidence for extent of low cloud and hill fog on Tuesday.

Headline for Tuesday 22 Sep 2020: A cloudy and murky start. Sunny for a time in the afternoon, but turning cloudy later with strengthening winds and some rain.

Mountain weather hazards on Tuesday 22 Sep 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Fog	Fog	Sunny intervals	Sunny	Sunny intervals	Light rain	Light rain
Precipitation probability							
<05%	10%	10%	<05%	<05%	<05%	30%	60%

Forecast for Tuesday 22 Sep 2020

Weather: Low cloud developing on hills overnight and some mist and fog in valleys, especially in the west. Some clear spells in the east at times where turning rather chilly. Mist, fog and low cloud will slowly lift and clear through the morning with good spells of sunshine. Turning more generally cloudy through the afternoon with winds becoming fairly strong across most parts. Intermittent periods of light rain or drizzle are possible on hills, during the late afternoon and early evening.

Chance of cloud free mountain/hill tops above 600m: 40% at first, becoming 20% during the early hours with persistent, extensive cloud above 600m and occasional cloud down to around 400m at times, making navigation difficult. Becoming 100% by midday with cloud gradually lifting and breaking through the morning. Lowering to 60% during the evening with isolated patches of cloud to approximately 600m.

Visibility: No navigational difficulties expected outside of cloud for much of the day due to the weather with good air clarity. Visibility decreasing in the rain later with only nearby hills visible. Persistent and extensive cloud cover on hills, mainly above 600m, will make navigation very tricky overnight, during the morning and through the evening. Fog in valleys, mainly in the west will also pose navigational issues until mid-morning in places.

Check our weather forecast every day to get the most accurate and up to date information

<http://www.metoffice.gov.uk/public/weather/mountain-forecast>

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Forecast for Tuesday 22 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/17 SW	12/16 SW	13/16 SW	17/22 SW	20/27 SW	18/25 SW	20/26 SW	20/28 SW	19/26 SW
300	4/5 W	5/6 SW	6/8 S	7/11 S	16/22 SW	14/20 SW	14/21 SW	14/23 SW	14/21 SW
Valley	2/5 W	2/5 SW	3/7 SE	4/12 S	10/20 SW	9/19 SW	10/21 SW	9/21 SW	9/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	10/7	12/10	14/11	15/12	14/11	12/9	11/8	10/7
300	11/10	11/10	11/10	15/14	18/15	17/15	15/12	13/11	12/10
Valley	12/11	11/11	11/11	15/15	19/17	18/17	15/14	14/12	13/12
Freezing Level*	2900m	2900m	2900m	2800m	2800m	2900m	2800m	2600m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Late morning and early afternoon sunshine will bring a risk of sunburn if exposed for prolonged periods. Winds may gust up to 35mph on exposed summits during the evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 21 Sep 2020	2.2mm	2.8mm	2.8mm

Forecast for Wednesday 23 Sep 2020

Weather: Mostly cloudy with outbreaks of rain and drizzle turning more persistent towards the end of the night and with a fairly strong southwesterly breeze. Rain continuing during the morning, but turning drier and somewhat brighter into the afternoon, especially in the west. Often dry through the evening, but mostly cloudy with perhaps the brief spell of rain.

Maximum wind: Southwesterly 20-25mph, gusting 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 60% lowering to 30% overnight with occasional patches of cloud to around 500m. Becoming 90% during the late morning or early afternoon and remaining so through the rest of the day.

Visibility: Tricky navigation overnight on hills with rather persistent and extensive cloud cover developing to around 500m. Rain will cause some nearby hills or features to become harder to determine from within valleys and lower lying areas. As rain clears through the late morning or early afternoon, visibilities improving with excellent air clarity through the remainder of the day at all elevations.

Temperature: **Valleys:** Plus 13 degrees becoming Plus 8 degrees Celsius.
At 600m: Plus 9 degrees becoming Plus 3 degrees Celsius.
Freezing level: Above the summits throughout.